GE
Lighting Solutions

GEH-5982

INSTRUCTIONS

Type 201 SA Luminaire

READ THOROUGHLY BEFORE INSTALLING

WARNING

Risk of electric shock
- Turn power off before servicing
  – see instructions

CAUTION

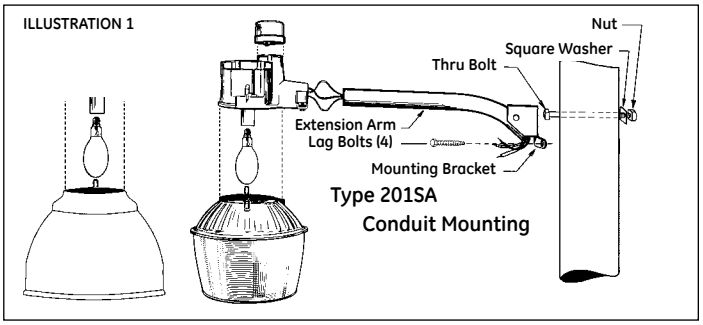
Risk of burn
- Do not touch operating luminaire

CAUTION

Risk of injury
- Wear safety glasses and gloves during installation and servicing

CAUTION: Type 201 SA luminaire is designed for outdoor lighting and should not be used in areas of limited ventilation, or in high ambient temperature enclosures.

ILLUSTRATION 1



CAUTION

Unit will fall if not installed properly
- Follow installation instructions

Type 201 SA luminaire, unit pack, is designed for mounting on a round wood pole. (See above illustration for identification and location of parts.) The mounting bracket should first be mounted to pole. A clearance hole for a 5/8-inch diameter bolt must be drilled through pole. The 10-inch through bolt should be inserted through clearance hole and 2-inch square washer and nut screwed loosely onto opposite end of through bolt. The pole plate on mounting arm should be placed over square head of through bolt so that square head is engaged by two indented tabs on pole plate. (See illustration 1).

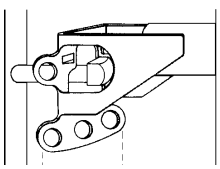
SEE ILLUSTRATION 2

Nut should be tightened down so that mounting bracket arm is securely attached to pole. Lag bolts should be inserted into outside lower holes of mounting bracket arm pole plate. Hammer lag bolts in to within approximately 1" of head, then tighten down with wrench.

The leads from hood should first be inserted through outboard end of the mounting bracket and brought out through inboard end adjacent to the pole plate.

It is recommended a drip loop be formed where leads exit mounting bracket as indicated in above drawing.)

ILLUSTRATION 2



Check to see if opening of mounting bracket arm clamp in slip fitter is large enough to allow mounting bracket to be inserted. If not, loosen two clamp bolts until opening is large enough. The slip fitter is then inserted over outboard end of mounting arm, mounting arm being inserted until it comes to rest at pipe stop on inboard end of slip fitter (approx. 2 ½-inches). Once mounting bracket is fully inserted, level hood with mounting bracket clamp relatively loose, by placing outboard end of mounting bracket on appropriate step of leveling pipe stop, then tighten two clamp bolts securely, taking care not to disturb position of hood; torque should be approx. 10-15 foot-pounds.

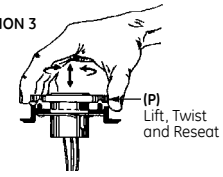
NOTE: The mounting bracket clamp is factory installed for use with a 1¼-inch pipe. If a 2 inch pipe is being used it will be necessary to flip the mounting arm clamp over.

To orient the photoelectric receptacle

(See illustration 3)

Grasp spring loaded PE control receptacle (P) and lift up, rotate receptacle clockwise until "North" arrow (Q) printed on top of receptacle points North. Reseat receptacle. If this orientation prevents light from reaching control window (R), rotate arrow to point South.

ILLUSTRATION 3

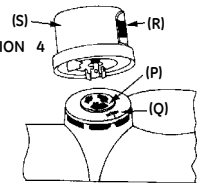


To install the photoelectric control

(See illustration 4)

Insert the PE control (S) in its' proper keyed socket slots on top of fixture, making certain that the largest of the three prongs is inserted onto the slot located adjacent to the word "North" on the socket. Press downward and twist clockwise about 1/8 of a turn to secure.

ILLUSTRATION 4



Wiring

NOTE: Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements including grounding

NOTE: Verify that supply voltage is correct by comparing it to nameplate.

Terminals are readily accessible on terminal board and will accept service leads ranging in size from AWG No. 16 through No. 6. Service leads

FOR Special option catalog number with 240-volt primary ballast operation and 120 volt PE operation.

Connect incoming 240 volt to fixture black wires and connect the incoming white wire to the fixture white wire.

Lamp Installation

CAUTION

Risk of burn
- Allow lamp/fixture to cool before handling

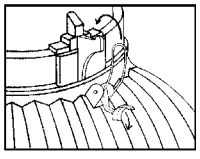
NOTE: Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation; particularly ballast type, burning position, etc.

Installation of optical assembly to hood

Optical assembly should be handled carefully to prevent damage from surface abrasion or severe impact. Attach optical assembly to hood by snapping two latches on reflector to "ears" on hood.

(See illustration 5.)

ILLUSTRATION 5



These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

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35-201578-174 (8/08)